Table Name — EMS - Quarterly Clinical Measures – Stroke Alert

Description	This table contains data describing ATCEMS management of stroke alert patients.
Row Label / Contents	Each row contains performance data for one fiscal quarter
Data Source(s)	ATCEMS electronic medical records and CAD data. Specific sources are listed in the description for each column.
Update Frequency	Quarterly
Creation Date	17 January 2017
Created By	Lynn Cohee
Unique Identifier	6mtx-ivnd
URL	https://data.austintexas.gov/Public-Safety/EMS-Quarterly-Clinical-Measures-Stroke-Alert/6mtx-ivnd
Tags / Keywords	ems, atcems, clinical data, clinical performance, clinical measures, patient care, stroke, alert

The following metadata is available in the "About" tab of the table in the Open Data portal, and is not replicated in this document:

- Last date updated
- Category ("Public Safety")
- Permissions (generally "Public")
- Row count
- Permalink
- Short URL
- Department ("Emergency Medical Service")

Data Dictionary

Column Name	Format	Description	API Field Name
Fiscal Quarter Key	Number	Row identifier – numeric representation of fiscal quarter in <yyyyqq> format. Value is created by ETL process.	Fiscal_Quarter_Key
Fiscal Quarter	Text	Year and fiscal quarter for record in <yyyy-qq> format (e.g. 2014-Q1). Value is created by ETL process.	Fiscal_Quarter
Fiscal Quarter Start Date	Date & time	First day of fiscal quarter, presented in <mmm yyyy> format. Value is created by ETL process.	Fiscal_Quarter_Start_Date
Fiscal Quarter End Date	Date & time	Last day of fiscal quarter, presented in <mmm yyyy> format. Value is created by ETL process.	Fiscal_Quarter_End_Date

Column Name	Format	Description	API Field Name
Count - Stroke Alerts	Number	Count of stroke alert patients. Data comes from electronic medical record (EMR) system.	Count_Stroke_Alert
Count - Stroke Alert Scene Interval Compliance	Number	Count of stroke alert patients with a scene interval less than 15 minutes. Scene interval starts when the first ATCEMS personnel arrive on scene, and ends when ATCEMS personnel depart the scene. This data comes from the Computer-Aided Dispatch (CAD) system and clinical audit results.	Count_Scene_Time _Compliance
Percent - Stroke Alert Scene Interval Compliance	Percent	Percent of stroke alert patients with a scene interval less than 15 minutes. Data is calculated by dividing [Count - Stroke Alert Scene Time Compliance] by [Count – Stroke Alerts].	Percent_Scene_Time _Compliance
Stroke Alert Scene Interval Compliance Target	Percent	Target performance level for compliance with scene time goal for stroke alert patients.	Percent_Scene_Time _Compliance_Target
Count - Stroke Center Transports	Number	Count of stroke alert patients who are transported to a system approved stroke center. Data comes from EMR system and clinical audit results.	Count_Specialty_Center
Percent Stroke Center Transports	Percent	Percent of stroke alert patients who are transported to a system approved stroke center. Data is calculated by dividing [Count – Stroke Center Transports] by [Count – Stroke Alerts].	Percent_Specialty_Center
Stroke Center Transports Target	Percent	Target specialty center transport rate for stroke alert patients.	Percent_Specialty_Center _Target
Average Stroke Alert Call to Door Interval (Minutes)	Number	Average interval between first 911 call and arrival at the receiving facility for stroke alert patients, measured in decimal minutes (e.g. 37.7 minutes). Data comes from CAD system.	Average_Interval_Call_to _Door
Stroke Alert Call to Door Interval Target	Number	Target for Average Call to Door Interval.	Average_Interval_Call_to _Door_Target

Column Name	Format	Description	API Field Name
Count - BGL Test for Stroke Alerts	Number	Count of stroke alert patients who have a correctly documented blood glucose level (BGL) assessment. Data comes from the EMR system and clinical audit results.	Count_BGL
Percent - BGL Test for Stroke Alerts	Percent	Percent of stroke alert patients who receive a blood glucose level assessment. Data is calculated by dividing [Count - BGL Test for Stroke Alerts] by [Count – Stroke Alerts].	Percent_BGL
Stroke Alert BGL Test Target	Percent	Target performance level for blood glucose level assessment of stroke alert patients.	Percent_BGL_Target
Count - CPSS Score Documented	Number	Count of stroke alert patients with correctly documented Cincinnati Prehospital Stroke Scale (CPSS) score. Data comes from EMR system.	Count_CPSS
Percent - CPSS Score Documented	Percent	Percent of stroke alert patients with correctly documented Cincinnati Prehospital Stroke Scale score. Data is calculated by dividing [Count – CPSS Score Documented] by [Count – Stroke Alerts].	Percent_CPSS
Percent CPSS Target	Percent	Target performance level for compliance with CPSS documentation for stroke alert patients.	Percent_CPSS_Target
Count – Stroke Alert Bundle Completed	Number	Count of patients receiving complete Stroke Alert Bundle. Bundle consists of: • BGL Assessment • CPSS Score • Scene Time Compliance • Stroke Center Transport Destination A patient contact must meet standard on all four components in order to be counted as complete. Data comes from the EMS system and clinical audit results.	count_bundle_complete
Percent – Stroke Alert Bundle Completed	Percent	Percent of stroke alert patients receiving complete Stroke Alert Bundle. Data is calculated by dividing [Count – Stroke Bundle Completed] by [Count – Stroke Alerts].	percent_bundle_complete

Column Name	Format	Description	API Field Name
Percent - Stroke Alert Bundle Complete Target	Percent	Target performance level for compliance with Stroke Alert Bundle completion for stroke alert patients.	Percent_bundle_complete _target

Related Open Data Tables

Table Name	Notes
EMS – OMD Clinical Performance Indicators	This table contains data for the Clinical Performance Indicators (CPIs) defined by the Office of the Medical Director. CPI 2.x ("Scene Time Interval for Stroke Alert Patients") corresponds to the scene time values presented in the Stroke Alert table. CPI 7.x ("Blood Glucose Level in Stroke Patients") uses a denominator of ALL stroke patients, regardless of whether the patient meets alert criteria or not. As a result, that measure will differ significantly from the data presented in the Stroke Alert table, which is limited to Stroke Alerts only.

References

Austin/Travis County Office of the Medical Director (2016). "Clinical Standard CS 34, Stroke Alert Criteria." *Austin-Travis County Emergency Medical Service System Clinical Operating Guidelines version 021716.*

Austin/Travis County Office of the Medical Director (2016). "Protocol M-18, Suspected Stroke." *Austin-Travis County Emergency Medical Service System Clinical Operating Guidelines version 021716.*

Edit History

Edited By:	Edit Date	Edit Description
David Andersen	19 Jan 2017	Initial version of table metadata created